

ABSTRACT OF THE DISCLOSURE

A method and apparatus control switching noise in a digital-to-analog interface in a mixed-signal circuit. The digital-to-analog interface includes a first plurality (K) of switching elements and a second plurality (M) of dummy switching elements, the second plurality (M) being smaller than the first plurality (K). The switching noise control includes (a) receiving a digital data signal, (b) determining a number (N) of the switching elements to be switched for the digital data signal, and (c) switching the second plurality (M) less the number (N) of the dummy switching elements simultaneously with switching the number (N) of the switching elements.